CLAIMS

1. A device (11 [sic]) for transmitting simulation models (11, 18) between simulators (10, 17), in which a first input/output element (22) can transmit the simulation model (11) from the first simulator (10) to a processing unit (24),

characterized in that

- the processing unit (24) can separate the simulation model (11) into individual base operators (12) and store the operator association (16);
- the base operators (12) can be exported as source codes into an operator library (14);
- after being compiled, the base operators (12) that can be integrated, as external operators (19) and with semantic equivalence, by the second simulator (17) with the aid of the operator association (16) can be combined in an operator library (15); and
- a second input/output element (23) can output the operator library (14) and additionally provide the operator association (16).

2. The device according to claim 1, characterized by a second input/output element (23), which both exports and imports the operator association (16), wherein the processing unit (24) creates a simulation model (11) with internal operators (12) of the first simulator (10), the simulation model (11) having been altered correspondingly by a second simulator (17) and being suitable to be transmitted back to the first simulator (10) by way of the first input/output element (22).

3. The device according to claim 1 or 2, characterized in that it is an integrated component of one of the simulators (10, 17).

4. A method for transmitting a simulation model between a first and a second simulator, characterized in that

- the simulation model of the first simulator is separated into its operators, and the operator association is stored;
- the operators are exported into a first exported operator library and, after a compilation, are combined in a second, integratable operator library to

form external operators whose semantics match those of the operators of the first simulator, such that they can be integrated, semantically correctly, by the second simulator; and

- in addition to the operator library, the operator association is exported, which can be read by both the first and second simulators and forms the basis of the simulation model.

5. The method according to claim 4, characterized in that the exported operator library comprises source codes, and the integratable operator library comprises an object code, which the second simulator links as external operators.

6. The method according to claim 5, characterized in that the operator association represents the simulation model on the basis of the exported operators.